

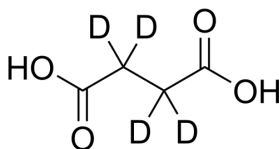
## Succinic-2,2,3,3-d<sub>4</sub> acid

Cat. No.: HY-N0420S1  
CAS No.: 14493-42-6  
Batch No.: 318123  
Chemical Name: Butanedioic-2,2,3,3-d<sub>4</sub> acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>2</sub>D<sub>4</sub>O<sub>4</sub>  
Molecular Weight: 122.11  
Storage: Powder      -20°C    3 years  
                                      4°C      2 years  
                                      In solvent   -80°C    6 months  
  -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity: ≥99.0%  
Isotopic Enrichment: 98.20%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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